

Title (en)

MONITORING DEVICE FOR ELEVATOR COMPENSATION ROPING

Title (de)

ÜBERWACHUNGSVORRICHTUNG FÜR AUFZUGSKOMPENSATIONSSEILE

Title (fr)

DISPOSITIF DE SURVEILLANCE POUR CORDAGE DE COMPENSATION D'ASCENSEUR

Publication

**EP 3858775 A1 20210804 (EN)**

Application

**EP 20215822 A 20201218**

Priority

US 202016747803 A 20200121

Abstract (en)

An illustrative example embodiment of a monitoring device for an elevator compensation assembly (40) includes at least one detector (50) that is configured to detect whether compensation roping (42) moves out of a predetermined position. A controller (52) is configured to limit elevator (22) movement based on an indication from the detector (50) that the compensation roping (42) moved out of the predetermined position.

IPC 8 full level

**B66B 5/00** (2006.01); **B66B 7/06** (2006.01)

CPC (source: CN EP US)

**B66B 1/28** (2013.01 - US); **B66B 1/3492** (2013.01 - US); **B66B 5/0025** (2013.01 - CN); **B66B 5/0031** (2013.01 - EP); **B66B 5/02** (2013.01 - US); **B66B 7/10** (2013.01 - CN); **B66B 7/1215** (2013.01 - US); **B66B 7/1238** (2013.01 - US); **B66B 9/00** (2013.01 - US); **B66B 17/12** (2013.01 - CN); **B66B 7/068** (2013.01 - EP)

Citation (search report)

- [X] US 4460065 A 19840717 - SAXER ALBERT J [US]
- [X] US 2013048431 A1 20130228 - GROSSRIEDER BERNHARD [CH], et al
- [X] US 2016376125 A1 20161229 - WELLS LUTHER [US], et al

Cited by

WO2023198954A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3858775 A1 20210804**; **EP 3858775 B1 20230510**; CN 113213289 A 20210806; US 2021221645 A1 20210722

DOCDB simple family (application)

**EP 20215822 A 20201218**; CN 202011386973 A 20201202; US 202016747803 A 20200121